

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                            | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------------------|------------------|---------|---------------------|
| L1    | 278  | (524/48).CCLS.  | US-PGPUB;<br>USPAT             | OR               | OFF     | 2010/07/15<br>13:10 |
| L2    | 393  | (524/27).CCLS.  | US-PGPUB;<br>USPAT             | OR               | OFF     | 2010/07/15<br>13:11 |
| L3    | 636  | (524/83).CCLS.  | US-PGPUB;<br>USPAT             | OR               | OFF     | 2010/07/15<br>13:11 |
| L4    | 273  | (524/359).CCLS.   | US-PGPUB;<br>USPAT             | OR               | OFF     | 2010/07/15<br>13:11 |
| L5    | 278  | (524/48).CCLS.  | US-PGPUB;<br>USPAT             | OR               | OFF     | 2010/07/15<br>13:11 |
| L6    | 393  | (524/27).CCLS.  | US-PGPUB;<br>USPAT             | OR               | OFF     | 2010/07/15<br>13:11 |
| L7    | 636  | (524/83).CCLS.  | US-PGPUB;<br>USPAT             | OR               | OFF     | 2010/07/15<br>13:11 |
| L8    | 273  | (524/359).CCLS.   | US-PGPUB;<br>USPAT             | OR               | OFF     | 2010/07/15<br>13:11 |
| L9    | 5    | ((("6191235") or ("5753733")<br>or ("6429239") or ("6660079")<br>or ("7183358")).PN.  | US-PGPUB;<br>USPAT             | OR               | OFF     | 2010/07/15<br>13:11 |
| L10   | 2563 | ("2-n-Octyl-3-isothiazolone")<br>OR ("N-Octylisothiazolone")<br>OR (Octylisothiazolone) OR<br>(Octyl SAME isothiazolone) OR<br>("2-n-Octyl-4-isothiazolin-3-<br>one")OR ("2-n-Octyl-4-<br>isothiazolin-3-one")OR ("2-n-<br>Octylisothiazolin-3-one")OR<br>("2-Octyl-3-isothiazolinone")<br>OR ("2-Octyl-3-isothiazolone")<br>OR ("2-Octyl-4-isothiazolin-3-<br>one")OR ("2-Octyl-4-<br>isothiazoline-3-one")OR ("2-<br>Octyl-4-isothiazolinone")OR<br>("4-Octylisothiazolin-3-one")<br>OR ("Acticide" SAME "45")OR<br>("Acticide" SAME "OTW")OR<br>("Ecoplast" SAME "PA" SAME<br>"20")OR ("Kathon" SAME<br>"4200")OR ("Kathon" SAME<br>"893")OR ("Kathon" SAME<br>"893F")OR ("Kathon" SAME<br>"893T")OR ("Kathon" SAME<br>"LM")OR ("Kathon" SAME "LP")<br>OR ("Kathon" SAME "SP"<br>SAME "70") OR ("Micro-Chek"<br>SAME "11")OR ("Micro-Chek"<br>SAME "11D")OR ("Microban"<br>SAME "LB" SAME "6")OR | US-PGPUB;<br>USPAT;<br>DERWENT | OR               | OFF     | 2010/07/15<br>13:11 |

|     |     |  |                                |    |     |                     |
|-----|-----|--|--------------------------------|----|-----|---------------------|
|     |     | ("Octhilinone")OR ("Pancil")OR<br>("Pancil" SAME "T") OR<br>("Skane" SAME "8")OR<br>("Skane" SAME "M" SAME "8")<br>OR ("Ultrafresh" SAME "DM"<br>SAME "25")OR ("Vinyzene"<br>SAME "IT" SAME "3000DIDP")<br>OR ("Zonen" SAME "0/100")<br>OR ("Zonen" SAME "O" SAME<br>"100")  |                                |    |     |                     |
| L11 | 132 | (L10) AND (polymer SAME<br>powder)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2010/07/15<br>13:11 |
| L12 | 629 | (goldschmidt).as.  | US-PGPUB;<br>USPAT             | OR | OFF | 2010/07/15<br>13:11 |
| L13 | 6   | (US-20020011187-\$ or US-<br>20060211805-\$).did. or (US-<br>4743475-\$ or US-5298253-\$<br>or US-6660079-\$ or US-<br>6709508-\$).did.  | US-PGPUB;<br>USPAT             | OR | OFF | 2010/07/15<br>13:11 |
| L14 | 4   | (L13) AND (polymer)  | US-PGPUB;<br>USPAT             | OR | OFF | 2010/07/15<br>13:11 |
| L15 | 58  | (WACKER SAME POLYMER ).<br>as. AND (polymer SAME<br>powder) AND (vinyl) AND<br>(gypsum OR concrete OR<br>lime)   | US-PGPUB;<br>USPAT             | OR | OFF | 2010/07/15<br>13:12 |
| L16 | 13  | (US-20060211805-\$ or US-<br>20020011187-\$).did. or (US-<br>4743475-\$ or US-6709508-\$<br>or US-6660079-\$ or US-<br>5298253-\$ or US-5753733-\$<br>or US-6191235-\$ or US-<br>6429239-\$ or US-7183358-\$).<br>did. or (EP-480614-\$ or EP-<br>1238958-\$ or EP-1260490-\$).<br>did.  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2010/07/15<br>13:12 |
| L17 | 12  | (L16) AND (gypsum OR lime<br>OR cement OR (calcium ADJ<br>oxide))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2010/07/15<br>13:12 |
| L18 | 910 | ("2-n-Octyl-3-isothiazolone")<br>OR ("N-Octylisothiazolone")<br>OR (Octylisothiazolone) OR<br>("2-n-Octyl-4-isothiazolin-3-<br>one")OR ("2-n-Octyl-4-<br>isothiazolin-3-one")OR ("2-n-<br>Octylisothiazolin-3-one")OR<br>("2-Octyl-3-isothiazolinone")<br>OR ("2-Octyl-3-isothiazolone")<br>OR ("2-Octyl-4-isothiazolin-3-<br>one")OR ("2-Octyl-4-<br>isothiazoline-3-one")OR ("2-<br>Octyl-4-isothiazolinone")OR<br>("4-Octylisothiazolin-3-one") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2010/07/15<br>13:12 |

|     |        |  |                                |    |     |                     |
|-----|--------|--|--------------------------------|----|-----|---------------------|
| L19 | 111    | ((L18) SAME (amount OR weight OR content)) AND (polymer)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2010/07/15<br>13:12 |
| L20 | 2089   | ("2-n-Octyl-3-isothiazolone") OR ("2-n-Octyl-4-isothiazolin-3-one") OR ("2-n-Octyl-4-isothiazolin-3-one") OR ("2-n-Octylisothiazolin-3-one") OR ("2-Octyl-3-isothiazolinone") OR ("2-Octyl-3-isothiazolone") OR ("2-Octyl-4-isothiazolin-3-one") OR ("2-Octyl-4-isothiazoline-3-one") OR ("2-Octyl-4-isothiazolinone") OR ("4-Octylisothiazolin-3-one") OR ("Acticide" SAME "45") OR ("Acticide" SAME "OTW") OR ("Ecoplast" SAME "PA" SAME "20") OR ("Kathon" SAME "4200") OR ("Kathon" SAME "893") OR ("Kathon" SAME "893F") OR ("Kathon" SAME "893T") OR ("Kathon" SAME "LM") OR ("Kathon" SAME "LP") OR ("Kathon" SAME "SP" SAME "70") OR ("Micro-Chek" SAME "11") OR ("Micro-Chek" SAME "11D") OR ("Microban" SAME "LB" SAME "6") OR ("Octhilinone") OR ("Pancil") OR ("Pancil" SAME "T") OR ("Skane" SAME "8") OR ("Skane" SAME "M" SAME "8") OR ("Ultrafresh" SAME "DM" SAME "25") OR ("Vinyzene" SAME "IT" SAME "3000DI DP") OR ("Zonen" SAME "0/100") OR ("Zonen" SAME "O" SAME "100") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2010/07/15<br>13:12 |
| L21 | 425    | (L20) AND (biocide)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2010/07/15<br>13:12 |
| L22 | 427630 | (anti\$2oxidant\$) OR (stabilizer)   | US-PGPUB;<br>USPAT             | OR | ON  | 2010/07/15<br>13:12 |
| L23 | 30464  | (polyacetal OR polyoxymethylene) OR (polyoxy adj methylene)  | US-PGPUB;<br>USPAT             | OR | OFF | 2010/07/15<br>13:12 |
| L24 | 6644   | trioxane   | US-PGPUB;<br>USPAT             | OR | ON  | 2010/07/15<br>13:12 |

|     |         |  |  |    |     |                     |
|-----|---------|--|--|----|-----|---------------------|
| L25 | 5127508 | (content or contains or containing or amount or (weight near5 percent) OR "wt. %" or "wt. %" or "wt %" Or "wt%" or (weight near5 percentage) or "parts by weight" or "percent by weight" or (mole near5 percent) or (mole near5 percent) Or phr OR ppm OR pbw) | US-PGPUB;<br>USPAT                       | OR | ON  | 2010/07/15<br>13:12 |
| L26 | 112     | (L23 near5 resin) AND L22 AND L24 AND (L24 near5 (L25)) AND (molding OR molded OR mold OR moulding OR moulded OR mould)  | US-PGPUB;<br>USPAT                       | OR | ON  | 2010/07/15<br>13:12 |
| L27 | 385     | (polymer OR resin) near5 (powder Or particle OR particulate Or grains Or granule) near5 (biocide Or biocidal OR antimicrobial OR biostatic OR fungicide OR fungicidal Or herbicide OR herbicidal)  | US-PGPUB;<br>USPAT                       | OR | ON  | 2010/07/15<br>13:12 |
| S2  | 2       | ((("20020011187") or ("4743475")).PN.  | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/09/02<br>16:22 |
| S3  | 5       | ((("6191235") or ("5753733") or ("6429239") or ("6660079") or ("7183358")).PN.   | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/09/02<br>16:24 |
| S4  | 569     | (goldschmidt).as.  | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/09/02<br>16:26 |
| S5  | 2       | ((("4743475") or ("20020011187")).PN.  | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/09/02<br>16:30 |
| S6  | 3       | "09/744082"  | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/09/02<br>16:30 |
| S7  | 1       | "TW 217377"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/02<br>16:33 |
| S9  | 1       | "CN 1385391"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/02<br>16:34 |
| S10 | 1       | "CN 1386718"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/02<br>16:35 |
| S11 | 2       | ((("6660079") or ("6709508")).PN.  | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/09/02<br>16:37 |
| S12 | 3       | ((("6709508") or ("6660079") or ("5298253")).PN.   | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/09/02<br>16:39 |
| S13 | 6       | (US-20020011187-\$ or US-20060211805-\$).did. or (US-4743475-\$ or US-5298253-\$ or US-6660079-\$ or US-6709508-\$).did.   | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/09/02<br>16:40 |
| S14 | 3       | (S13) AND (biocide Or fungicide)   | US-PGPUB;<br>USPAT                       | OR | OFF | 2008/09/02<br>16:40 |

|     |      |   |                                |    |     |                     |
|-----|------|---|--------------------------------|----|-----|---------------------|
| S15 | 1    | (S13) AND (biocide Or fungicide) AND (polymer)  | US-PGPUB;<br>USPAT             | OR | OFF | 2008/09/02<br>16:41 |
| S16 | 6    | (S13) AND (cement OR glass OR gypsum OR lime)   | US-PGPUB;<br>USPAT             | OR | OFF | 2008/09/02<br>16:41 |
| S18 | 4    | (S13) AND (polymer)   | US-PGPUB;<br>USPAT             | OR | OFF | 2008/09/02<br>16:42 |
| S19 | 13   | (US-20060211805-\$ or US-20020011187-\$).did. or (US-4743475-\$ or US-6709508-\$ or US-6660079-\$ or US-5298253-\$ or US-5753733-\$ or US-6191235-\$ or US-6429239-\$ or US-7183358-\$).did. or (EP-480614-\$ or EP-1238958-\$ or EP-1260490-\$).did.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/02<br>16:54 |
| S20 | 2    | "7183358"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/02<br>16:56 |
| S21 | 11   | (S19) AND (gypsum OR limer OR cement OR (calcium ADJ oxide))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/02<br>17:35 |
| S22 | 2    | (S19) AND (gypsum OR limer OR cement OR (calcium ADJ oxide)) AND (biocide OR fungicide)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/02<br>17:36 |
| S23 | 1    | (S19) AND (gypsum OR limer OR cement OR (calcium ADJ oxide)) AND (fungicide)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/02<br>17:37 |
| S25 | 1    | (S19) AND (biocide) SAME ((weight Or amount Or content))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/02<br>17:38 |
| S26 | 12   | (S19) AND (gypsum OR lime OR cement OR (calcium ADJ oxide))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/02<br>17:40 |
| S28 | 1    | (S19) AND (((gypsum) OR (lime) OR (cement) OR (calcium ADJ oxide)) SAME (amount OR content))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/02<br>17:41 |
| S29 | 12   | (S19) AND (((gypsum) OR (lime) OR (cement) OR (calcium ADJ oxide)))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/02<br>17:42 |
| S33 | 1539 | ("2-n-Octyl-3-isothiazolone") OR ("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octylisothiazolin-3-one")OR ("2-Octyl-3-isothiazolinone") OR ("2-Octyl-3-isothiazolone") OR ("2-Octyl-4-isothiazolin-3-one")OR ("2-Octyl-4-isothiazoline-3-one")OR ("2-Octyl-4-isothiazolinone")OR ("4-Octylisothiazolin-3-one") OR ("Acticide" SAME "45")OR | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>07:20 |

|     |     |  |                                |    |     |                     |
|-----|-----|--|--------------------------------|----|-----|---------------------|
|     |     | ("Acticide" SAME "OTW")OR<br>("Ecoplast" SAME "PA" SAME<br>"20")OR ("Kathon" SAME<br>"4200")OR ("Kathon" SAME<br>"893")OR ("Kathon" SAME<br>"893F")OR ("Kathon" SAME<br>"893T")OR ("Kathon" SAME<br>"LM")OR ("Kathon" SAME "LP")<br>OR ("Kathon" SAME "SP"<br>SAME "70") OR ("Micro-Chek"<br>SAME "11")OR ("Micro-Chek"<br>SAME "11D")OR ("Microban"<br>SAME "LB" SAME "6")OR<br>("Octhilinone")OR ("Pancil")OR<br>("Pancil" SAME "T") OR<br>("Skane" SAME "8")OR<br>("Skane" SAME "M" SAME "8")<br>OR ("Ultrafresh" SAME "DM"<br>SAME "25")OR ("Vinyzene"<br>SAME "IT" SAME "3000DIDP")<br>OR ("Zonen" SAME "0/100")<br>OR ("Zonen" SAME "O" SAME<br>"100") |                                |    |     |                     |
| S35 | 341 | (S33) AND (biocide)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>07:21 |
| S36 | 13  | (US-20060211805-\$ or US-<br>20020011187-\$).did. or (US-<br>4743475-\$ or US-6709508-\$<br>or US-6660079-\$ or US-<br>5298253-\$ or US-5753733-\$<br>or US-6191235-\$ or US-<br>6429239-\$ or US-7183358-\$).<br>did. or (EP-480614-\$ or EP-<br>1238958-\$ or EP-1260490-\$).<br>did.  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>07:21 |
| S38 | 27  | (S33) AND (biocide) AND<br>(polymer) AND ((spray) SAME<br>(dry OR dried OR drying))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>07:22 |
| S39 | 38  | (S33) AND (biocide) AND<br>(polymer) AND (lime OR<br>gypsum OR cement)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>07:23 |
| S40 | 33  | (S33) AND (biocide) AND<br>(polymer) AND (lime OR<br>gypsum OR cement) AND<br>(film)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>07:23 |
| S41 | 4   | (S33) AND (biocide) AND<br>(polymer) AND ((binder) SAME<br>(lime OR gypsum OR cement))<br>AND (film)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>07:25 |
| S42 | 13  | (S33) AND (biocide) AND<br>(polymer) AND ((binder)) AND<br>((lime OR gypsum OR<br>cement)) AND (film)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>07:26 |

|     |      |   |                                |    |     |                     |
|-----|------|---|--------------------------------|----|-----|---------------------|
| S43 | 83   | ("20020040666"   "3062677"  <br>"3203919"   "3294709"  <br>"3428731"   "3703491"  <br>"3793269"   "3835074"  <br>"3844990"   "3891582"  <br>"3900434"   "3954967"  <br>"4003994"   "4039492"  <br>"4048324"   "4130440"  <br>"4244836"   "4339448"  <br>"4409358"   "4418056"  <br>"4454267"   "4528185"  <br>"4704416"   "4732762"  <br>"4770694"   "4923866"  <br>"4963190"   "5169888"  <br>"5202368"   "5214095"  <br>"5216057"   "5416181"  <br>"5578668"   "5702828"  <br>"5753733"   "5763508"  <br>"5959017"   "6063865"  <br>"6153673"   "6162839"  <br>"6268423"   "6270692"  <br>"6379751"   "6429239"  <br>"6547874"   "6566434"  <br>"Re24324"   "Re29753").PN.<br>OR ("4743475"   "5298253"  <br>"5753733"   "6191235"  <br>"6429239"   "6660079"  <br>"6709508"   "7183358").<br>URPN. | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2008/09/03<br>07:28 |
| S44 | 2    | (S33) AND ((S36) OR (S43) )   | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2008/09/03<br>07:30 |
| S45 | 24   | ((water ADJ glass) OR (lime))<br>AND ((S36) OR (S43) )  | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2008/09/03<br>07:32 |
| S46 | 1    | ("20060211805").PN.   | US-PGPUB;<br>USPAT             | OR | OFF | 2008/09/03<br>08:09 |
| S47 | 569  | (goldschmidt).as.   | US-PGPUB;<br>USPAT             | OR | OFF | 2008/09/03<br>08:46 |
| S48 | 0    | (S33) AND (S47)   | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2008/09/03<br>08:46 |
| S49 | 1938 | ("2-n-Octyl-3-isothiazolone")<br>OR ("N-Octylisothiazolone")<br>OR (Octylisothiazolone) OR<br>(Octyl SAME isothiazolone) OR<br>("2-n-Octyl-4-isothiazolin-3-<br>one")OR ("2-n-Octyl-4-<br>isothiazolin-3-one")OR ("2-n-<br>Octylisothiazolin-3-one")OR<br>("2-Octyl-3-isothiazolinone")<br>OR ("2-Octyl-3-isothiazolone")<br>OR ("2-Octyl-4-isothiazolin-3-<br>one")OR ("2-Octyl-4-<br>isothiazoline-3-one")OR ("2-<br>Octyl-4-isothiazolinone")OR<br>("4-Octylisothiazolin-3-one")<br>OR ("Acticide" SAME "45")OR<br>("Acticide" SAME "OTW")OR<br>("Ecoplast" SAME "PA" SAME   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>08:47 |

|     |     |  |                                |    |     |                     |
|-----|-----|--|--------------------------------|----|-----|---------------------|
|     |     | "20")OR ("Kathon" SAME "4200")OR ("Kathon" SAME "893")OR ("Kathon" SAME "893F")OR ("Kathon" SAME "893T")OR ("Kathon" SAME "LM")OR ("Kathon" SAME "LP")OR ("Kathon" SAME "SP" SAME "70") OR ("Micro-Chek" SAME "11")OR ("Micro-Chek" SAME "11D")OR ("Microban" SAME "LB" SAME "6")OR ("Octhilinone")OR ("Pancil")OR ("Pancil" SAME "T") OR ("Skane" SAME "8")OR ("Skane" SAME "M" SAME "8")OR ("Ultrafresh" SAME "DM" SAME "25")OR ("Vinyzene" SAME "IT" SAME "3000DI DP")OR ("Zonen" SAME "0/100")OR ("Zonen" SAME "O" SAME "100") |                                |    |     |                     |
| S50 | 0   | (S49) AND (S47)  | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2008/09/03<br>08:47 |
| S51 | 4   | (biocide) AND (S47)  | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2008/09/03<br>08:47 |
| S52 | 5   | (S49) AND (redispersible<br>SAME polymer SAME powder)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>08:48 |
| S53 | 5   | (S49) AND (redispersible<br>SAME polymer)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>08:50 |
| S54 | 7   | (S49) AND (redispersible) AND<br>(polymer)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>08:51 |
| S55 | 110 | (S49) AND (polymer SAME<br>powder)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>08:52 |
| S56 | 16  | (S49) AND (polymer SAME<br>powder) AND (gypsum OR<br>lime)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>08:53 |
| S57 | 106 | (S49) AND (polymer) AND<br>(gypsum OR lime)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>08:54 |
| S58 | 36  | (S49) AND (polymer) AND<br>(gypsum)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>08:54 |



|     |      |   |                                |    |     |                     |
|-----|------|---|--------------------------------|----|-----|---------------------|
| S59 | 46   | ("2884330"   "2984632"  <br>"3549762"   "3591328"  <br>"3663616"   "3817760"  <br>"3817761"   "3817762"  <br>"3845212"   "3923716"  <br>"3962271"   "3963682"  <br>"4018611"   "4039494"  <br>"4075205"   "4237019"  <br>"4239541"   "4276211"  <br>"4323602"   "4396413"  <br>"4518599"   "4629645"  <br>"4770705"   "4792357"  <br>"4904504"   "5131939").PN.<br>OR ("5314719").URPN.   | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2008/09/03<br>08:58 |
| S60 | 3    | (S59) AND (S49)   | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2008/09/03<br>08:59 |
| S61 | 1086 | ("2-n-Octyl-3-isothiazolone")<br>OR ("N-Octylisothiazolone")<br>OR (Octylisothiazolone) OR<br>(Octyl SAME isothiazolone) OR<br>("2-n-Octyl-4-isothiazolin-3-<br>one")OR ("2-n-Octyl-4-<br>isothiazolin-3-one")OR ("2-n-<br>Octylisothiazolin-3-one")OR<br>("2-Octyl-3-isothiazolinone")<br>OR ("2-Octyl-3-isothiazolone")<br>OR ("2-Octyl-4-isothiazolin-3-<br>one")OR ("2-Octyl-4-<br>isothiazoline-3-one")OR ("2-<br>Octyl-4-isothiazolinone")OR<br>("4-Octylisothiazolin-3-one") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>09:02 |
| S62 | 216  | ((S61) SAME (amount OR<br>weight OR content))   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>09:03 |
| S63 | 129  | ((S61) SAME (amount OR<br>weight OR content)) AND<br>(polymer)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>09:03 |
| S64 | 774  | ("2-n-Octyl-3-isothiazolone")<br>OR ("N-Octylisothiazolone")<br>OR (Octylisothiazolone) OR<br>("2-n-Octyl-4-isothiazolin-3-<br>one")OR ("2-n-Octyl-4-<br>isothiazolin-3-one")OR ("2-n-<br>Octylisothiazolin-3-one")OR<br>("2-Octyl-3-isothiazolinone")<br>OR ("2-Octyl-3-isothiazolone")<br>OR ("2-Octyl-4-isothiazolin-3-<br>one")OR ("2-Octyl-4-<br>isothiazoline-3-one")OR ("2-<br>Octyl-4-isothiazolinone")OR<br>("4-Octylisothiazolin-3-one")                                  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>09:04 |
| S65 | 98   | ((S64) SAME (amount OR<br>weight OR content)) AND<br>(polymer)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2008/09/03<br>09:04 |

|     |     |   |                          |    |     |                  |
|-----|-----|---|--------------------------|----|-----|------------------|
| S66 | 152 | ((S64) OR (biocide)) SAME (amount OR weight OR content)) AND (polymer) AND (S64)                      | US-PGPUB; USPAT; DERWENT | OR | OFF | 2008/09/03 09:08 |
| S67 | 0   | ((S64) OR (biocide)) SAME (amount OR weight OR content)) AND (hydraulic\$4 SAME binder) AND (S64)     | US-PGPUB; USPAT; DERWENT | OR | OFF | 2008/09/03 09:14 |
| S68 | 19  | ((S64) OR (biocide)) SAME (amount OR weight OR content)) AND (hydraulic\$4) AND (S64)                 | US-PGPUB; USPAT; DERWENT | OR | OFF | 2008/09/03 09:15 |
| S69 | 31  | ((S64) OR (biocide)) SAME (amount OR weight OR content)) AND (hydraulic\$4 SAME binder)               | US-PGPUB; USPAT; DERWENT | OR | OFF | 2008/09/03 09:15 |
| S70 | 27  | ((S64) OR (biocide)) SAME (amount OR weight OR content)) AND (hydraulic\$4 SAME binder) AND (polymeR) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2008/09/03 09:16 |
| S71 | 12  | ((S64) OR (biocide)) SAME (amount OR weight OR content)) AND (redispersible SAME polymeR)             | US-PGPUB; USPAT; DERWENT | OR | OFF | 2008/09/03 09:16 |
| S72 | 12  | ((S64) OR (biocide) OR (S33)) SAME (amount OR weight OR content)) AND (redispersible SAME polymeR)    | US-PGPUB; USPAT; DERWENT | OR | OFF | 2008/09/03 09:17 |
| S73 | 12  | ((LI4) OR (S59) OR (S36)) AND (biocide)   | US-PGPUB; USPAT; USOCR   | OR | OFF | 2008/09/03 09:19 |
| S74 | 5   | ((LI4) OR (S59) OR (S36)) AND (biocide) AND ((biocide) SAME (amount OR content OR weight))            | US-PGPUB; USPAT; USOCR   | OR | OFF | 2008/09/03 09:19 |
| S75 | 12  | ((LI4) OR (S59) OR (S36)) AND (biocide)   | US-PGPUB; USPAT; USOCR   | OR | OFF | 2008/09/03 09:20 |
| S76 | 80  | ((redispersible ADJ polymer) SAME (composition))  | US-PGPUB; USPAT; USOCR   | OR | OFF | 2008/09/03 09:26 |
| S77 | 80  | ((re\$2dispersible ADJ polymer) SAME (composition))   | US-PGPUB; USPAT; USOCR   | OR | OFF | 2008/09/03 09:26 |
| S78 | 0   | ((re\$2dispersible ADJ polymer) SAME (composition)) AND (biocide)                                     | US-PGPUB; USPAT; USOCR   | OR | OFF | 2008/09/03 09:27 |
| S79 | 10  | ((re\$2dispersible ADJ polymer)) AND (biocide)  | US-PGPUB; USPAT; USOCR   | OR | OFF | 2008/09/03 09:27 |
| S80 | 167 | ((dispersible ADJ polymer)) AND (biocide)   | US-PGPUB; USPAT; USOCR   | OR | OFF | 2008/09/03 09:27 |
| S81 | 96  | ((dispersible ADJ polymer)) AND (biocide) AND ((biocide) SAME (amount or weight OR content))          | US-PGPUB; USPAT; USOCR   | OR | OFF | 2008/09/03 09:27 |

|      |    |   |                                     |    |     |                     |
|------|----|---|-------------------------------------|----|-----|---------------------|
| S82  | 62 | (JODLBAUER SAME FRANZ).in.<br>OR (Weitzel SAME Hans SAME<br>peter).in.                                  | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>09:44 |
| S83  | 58 | (S82) AND (polymer)   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>09:44 |
| S84  | 2  | (S82) AND (polymer) AND<br>(biocide)  | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>09:44 |
| S85  | 1  | ("6740692").PN.   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>10:04 |
| S86  | 4  | "DE 19520989"   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/09/03<br>10:06 |
| S87  | 1  | ("20030018121").PN.   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>10:23 |
| S88  | 1  | ("7183358").PN.   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>11:48 |
| S89  | 1  | ("6660079").PN.   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>11:53 |
| S90  | 1  | ("6429239").PN.   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>11:54 |
| S91  | 1  | ("5753733").PN.   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>11:55 |
| S92  | 1  | ("6191235").PN.   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>11:56 |
| S93  | 52 | (S82) AND (powder SAME<br>polymer)  | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>11:57 |
| S94  | 49 | (S82) AND (powder SAME<br>polymer) AND (gypsum OR<br>concrete)  | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>11:57 |
| S95  | 49 | (S82) AND (powder SAME<br>polymer) AND (gypsum OR<br>concrete) AND (re<br>\$2dispersible)               | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>11:57 |
| S96  | 2  | (S82) AND (powder SAME<br>polymer) AND (gypsum OR<br>concrete) AND (re<br>\$2dispersible) AND (biocidE) | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>11:57 |
| S97  | 2  | (S82) AND (powder SAME<br>polymer) AND (biocidE)  | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>12:00 |
| S98  | 2  | (S82) AND (biocidE)   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>12:00 |
| S99  | 2  | (S82) AND (biocidE Or<br>fungicide)   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>12:00 |
| S100 | 0  | (WACKER SAME POLYMER<br>SAME SYSTEM).as. AND<br>(biocide Or fungicide)                                  | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>12:31 |
| S101 | 4  | (WACKER SAME POLYMER ).<br>as. AND (biocide Or fungicide)   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>12:32 |
| S102 | 66 | (WACKER SAME POLYMER ).<br>as. AND (polymer SAME<br>powder)   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/09/03<br>12:32 |

|      |     |   |                    |    |     |                     |
|------|-----|---|--------------------|----|-----|---------------------|
| S103 | 65  | (WACKER SAME POLYMER ).<br>as. AND (polymer SAME<br>powder) AND (vinyl)   | US-PGPUB;<br>USPAT | OR | OFF | 2008/09/03<br>12:32 |
| S104 | 51  | (WACKER SAME POLYMER ).<br>as. AND (polymer SAME<br>powder) AND (vinyl) AND<br>(gypsum OR concrete OR<br>lime)                          | US-PGPUB;<br>USPAT | OR | OFF | 2008/09/03<br>12:32 |
| S105 | 45  | (WACKER SAME POLYMER ).<br>as. AND (polymer ADJ<br>powder) AND (vinyl) AND<br>(gypsum OR concrete OR<br>lime)                           | US-PGPUB;<br>USPAT | OR | OFF | 2008/09/03<br>12:32 |
| S106 | 259 | (524/48).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2008/09/03<br>14:12 |
| S107 | 339 | (524/27).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2008/09/03<br>14:12 |
| S108 | 618 | (524/83).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2008/09/03<br>14:12 |
| S109 | 259 | (524/359).CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2008/09/03<br>14:12 |
| S110 | 261 | (524/48).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:02 |
| S111 | 349 | (524/27).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:02 |
| S112 | 619 | (524/83).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:02 |
| S113 | 261 | (524/359).CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:02 |
| S114 | 5   | ((("6191235") or ("5753733")<br>or ("6429239") or ("6660079")<br>or ("7183358"))).PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:02 |
| S115 | 587 | (goldschmidt).as.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:02 |
| S116 | 2   | ((("20020011187") or<br>("4743475"))).PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:03 |
| S117 | 6   | (US-20020011187-\$ or US-<br>20060211805-\$).did. or (US-<br>4743475-\$ or US-5298253-\$<br>or US-6660079-\$ or US-<br>6709508-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:03 |
| S118 | 3   | (S117) AND (biocide Or<br>fungicide)  | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:03 |
| S119 | 6   | (S117) AND (cement OR glass<br>OR gypsum OR lime)   | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>13:03 |

|      |      |   |                                |    |     |                     |
|------|------|---|--------------------------------|----|-----|---------------------|
| S120 | 1654 | ("2-n-Octyl-3-isothiazolone")<br>OR ("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octyl-4-isothiozolin-3-one")OR ("2-n-Octylisothiazolin-3-one")OR ("2-Octyl-3-isothiazolinone")<br>OR ("2-Octyl-3-isothiazolone")<br>OR ("2-Octyl-4-isothiazolin-3-one")OR ("2-Octyl-4-isothiazoline-3-one")OR ("2-Octyl-4-isothiazolinone")OR ("4-Octylisothiazolin-3-one")<br>OR ("Acticide" SAME "45")OR ("Acticide" SAME "OTW")OR ("Ecoplast" SAME "PA" SAME "20")OR ("Kathon" SAME "4200")OR ("Kathon" SAME "893")OR ("Kathon" SAME "893F")OR ("Kathon" SAME "893T")OR ("Kathon" SAME "LM")OR ("Kathon" SAME "LP")<br>OR ("Kathon" SAME "SP" SAME "70") OR ("Micro-Chek" SAME "11")OR ("Micro-Chek" SAME "11D")OR ("Microban" SAME "LB" SAME "6")OR ("Octhilinone")OR ("Pancil")OR ("Pancil" SAME "T") OR ("Skane" SAME "8")OR ("Skane" SAME "M" SAME "8")<br>OR ("Ultrafresh" SAME "DM" SAME "25")OR ("Vinyzene" SAME "IT" SAME "3000DI DP")<br>OR ("Zonen" SAME "0/100")<br>OR ("Zonen" SAME "O" SAME "100") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/02/09<br>13:03 |
| S121 | 30   | (S120) AND (biocide) AND (polymer) AND ((spray) SAME (dry OR dried OR drying))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/02/09<br>13:03 |
| S122 | 2063 | ("2-n-Octyl-3-isothiazolone")<br>OR ("N-Octylisothiazolone")<br>OR (Octylisothiazolone) OR (Octyl SAME isothiazolone) OR ("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octyl-4-isothiozolin-3-one")OR ("2-n-Octylisothiazolin-3-one")OR ("2-Octyl-3-isothiazolinone")<br>OR ("2-Octyl-3-isothiazolone")<br>OR ("2-Octyl-4-isothiazolin-3-one")OR ("2-Octyl-4-isothiazoline-3-one")OR ("2-Octyl-4-isothiazolinone")OR ("4-Octylisothiazolin-3-one")<br>OR ("Acticide" SAME "45")OR ("Acticide" SAME "OTW")OR ("Ecoplast" SAME "PA" SAME "20")OR ("Kathon" SAME "4200")OR ("Kathon" SAME   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/02/09<br>13:03 |

|      |     |   |                                |    |     |                     |
|------|-----|---|--------------------------------|----|-----|---------------------|
|      |     | "893")OR ("Kathon" SAME "893F")OR ("Kathon" SAME "893T")OR ("Kathon" SAME "LM")OR ("Kathon" SAME "LP")OR ("Kathon" SAME "SP" SAME "70") OR ("Micro-Chek" SAME "11")OR ("Micro-Chek" SAME "11D")OR ("Microban" SAME "LB" SAME "6")OR ("Octhilinone")OR ("Pancil")OR ("Pancil" SAME "T") OR ("Skane" SAME "8")OR ("Skane" SAME "M" SAME "8")OR ("Ultrafresh" SAME "DM" SAME "25")OR ("Vinyzene" SAME "IT" SAME "3000DIDP")OR ("Zonen" SAME "0/100")OR ("Zonen" SAME "O" SAME "100") |                                |    |     |                     |
| S123 | 9   | (S122) AND (redispersible) AND (polymer)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/02/09<br>13:03 |
| S124 | 812 | ("2-n-Octyl-3-isothiazolone")OR ("N-Octylisothiazolone")OR (Octylisothiazolone) OR ("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octylisothiazolin-3-one")OR ("2-Octyl-3-isothiazolinone")OR ("2-Octyl-3-isothiazolone")OR ("2-Octyl-4-isothiazolin-3-one")OR ("2-Octyl-4-isothiazoline-3-one")OR ("2-Octyl-4-isothiazolinone")OR ("4-Octylisothiazolin-3-one")   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/02/09<br>13:03 |
| S125 | 13  | ((S124) OR (biocide) OR (S120)) SAME (amount OR weight OR content)) AND (redispersible SAME polymeR)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/02/09<br>13:03 |
| S126 | 13  | (US-20060211805-\$ or US-20020011187-\$).did. or (US-4743475-\$ or US-6709508-\$ or US-6660079-\$ or US-5298253-\$ or US-5753733-\$ or US-6191235-\$ or US-6429239-\$ or US-7183358-\$).did. or (EP-480614-\$ or EP-1238958-\$ or EP-1260490-\$).did.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/02/09<br>13:03 |

|      |         |   |                           |    |     |                     |
|------|---------|---|---------------------------|----|-----|---------------------|
| S127 | 46      | ("2884330"   "2984632"  <br>"3549762"   "3591328"  <br>"3663616"   "3817760"  <br>"3817761"   "3817762"  <br>"3845212"   "3923716"  <br>"3962271"   "3963682"  <br>"4018611"   "4039494"  <br>"4075205"   "4237019"  <br>"4239541"   "4276211"  <br>"4323602"   "4396413"  <br>"4518599"   "4629645"  <br>"4770705"   "4792357"  <br>"4904504"   "5131939").PN.<br>OR ("5314719").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/09<br>13:03 |
| S128 | 5       | ((LI4) OR (S127) OR (S126))<br>AND (biocide) AND ((biocide)<br>SAME (amount OR content OR<br>weight))   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/09<br>13:03 |
| S129 | 0       | "12/240233"   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/02/09<br>13:36 |
| S130 | 2       | "JP 2000119356"   | EPO; JPO;<br>DERWENT      | OR | OFF | 2009/02/09<br>14:27 |
| S134 | 375070  | (anti\$2oxidant\$) OR<br>(stabilizer)   | US-PGPUB;<br>USPAT        | OR | ON  | 2009/02/09<br>14:31 |
| S135 | 26401   | (polyacetal OR<br>polyoxymethylene) OR<br>(polyoxy adj methylene)   | US-PGPUB;<br>USPAT        | OR | OFF | 2009/02/09<br>14:32 |
| S136 | 9602    | S135 AND S134   | US-PGPUB;<br>USPAT        | OR | OFF | 2009/02/09<br>14:32 |
| S137 | 1       | "10/576452"   | US-PGPUB;<br>USPAT        | OR | OFF | 2009/02/09<br>14:32 |
| S138 | 5950    | trioxane  | US-PGPUB;<br>USPAT        | OR | ON  | 2009/02/09<br>14:33 |
| S139 | 747     | S135 AND S134 AND S138  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/02/09<br>14:33 |
| S140 | 4523428 | (content or contains or<br>containing or amount or<br>(weight near5 percent) OR "wt.<br>%" or "wt. %" or "wt %" Or<br>"wt%" or (weight near5<br>percentage) or "parts by<br>weight" or "percent by weight"<br>or (mole near5 percent) or<br>(mole near5 percent) Or phr<br>OR ppm OR pbw)   | US-PGPUB;<br>USPAT        | OR | ON  | 2009/02/09<br>14:36 |
| S141 | 436     | S135 AND S134 AND S138<br>AND (S138 SAME (S140))  | US-PGPUB;<br>USPAT        | OR | OFF | 2009/02/09<br>14:36 |
| S143 | 364     | S135 AND S134 AND S138<br>AND (S138 SAME (S140)) AND<br>(molding OR molded OR mold<br>OR moulding OR moulded OR<br>mould)   | US-PGPUB;<br>USPAT        | OR | ON  | 2009/02/09<br>14:37 |

|      |     |   |                    |    |    |                     |
|------|-----|---|--------------------|----|----|---------------------|
| S144 | 189 | (S135 near5 resin) And S134 AND S138 AND (S138 SAME (S140)) AND (molding OR molded OR mold OR moulding OR moulded OR mould)   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/09<br>14:37 |
| S145 | 102 | (S135 near5 resin) And S134 AND S138 AND (S138 near5 (S140)) AND (molding OR molded OR mold OR moulding OR moulded OR mould)  | US-PGPUB;<br>USPAT | OR | ON | 2009/02/09<br>14:38 |
| S146 | 1   | (S135 near5 resin) And S134 AND S138 AND (S138 near5 (S140)) AND (molding OR molded OR mold OR moulding OR moulded OR mould) AND ((low OR small) near5 S138 near5 content)  | US-PGPUB;<br>USPAT | OR | ON | 2009/02/09<br>14:41 |
| S147 | 29  | (S135 near5 resin) And S134 AND S138 AND (S138 near5 (S140)) AND (molding OR molded OR mold OR moulding OR moulded OR mould) AND (S138 near5 "ppm")   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/09<br>14:43 |
| S148 | 58  | (S135 near5 resin) And S134 AND S138 AND (S138 near5 (S140)) AND (molding OR molded OR mold OR moulding OR moulded OR mould) AND (cyclic near5 trimer near5 formaldehyde)   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/09<br>14:51 |
| S149 | 0   | (S135 near5 resin) And S134 AND S138 AND (S138 near5 (S140)) AND (molding OR molded OR mold OR moulding OR moulded OR mould) AND (cyclic near5 trimer near5 formaldehyde) near5 unreacted   | US-PGPUB;<br>USPAT | OR | ON | 2009/02/09<br>14:52 |
| S150 | 4   | (S135 near5 resin) And S134 AND S138 AND (S138 near5 (S140)) AND (molding OR molded OR mold OR moulding OR moulded OR mould) AND (cyclic near5 trimer near5 formaldehyde) AND ((cyclic near5 trimer near5 formaldehyde) near5 (S140)) | US-PGPUB;<br>USPAT | OR | ON | 2009/02/09<br>14:53 |
| S151 | 37  | (S135 near5 resin) And S134 AND S138 AND (S138 near5 (S140)) AND (molding OR molded OR mold OR moulding OR moulded OR mould) AND (cyclic near5 trimer near5 formaldehyde) AND ((cyclic near5 trimer near5 formaldehyde) SAME (S140))  | US-PGPUB;<br>USPAT | OR | ON | 2009/02/09<br>14:54 |



|      |      |   |                   |    |    |                  |
|------|------|---|-------------------|----|----|------------------|
| S152 | 5962 | trioxane OR (cyclic near5 trimer near5 formaldehyde)  | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:07 |
| S153 | 0    | (S135 near5 resin) AND S134 AND "L343" AND (S152 adj content) AND (molding OR molded OR mold OR moulding OR moulded OR mould)                   | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:07 |
| S154 | 3    | (S135 near5 resin) AND S134 AND S152 AND (S152 adj content) AND (molding OR molded OR mold OR moulding OR moulded OR mould)                     | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:08 |
| S155 | 5    | (S135 near5 resin) AND S134 AND S152 AND (S152 near5 content near5 S140) AND (molding OR molded OR mold OR moulding OR moulded OR mould)        | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:09 |
| S156 | 104  | (S135 near5 resin) AND S134 AND S152 AND (S152 near5 S140) AND (molding OR molded OR mold OR moulding OR moulded OR mould)                      | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:13 |
| S157 | 6060 | trioxane OR (cyclic near5 trimer near5 formaldehyde) OR (formaldehyde near5 trimer)   | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:14 |
| S158 | 105  | (S135 near5 resin) AND S134 AND S152 AND (S157 near5 S140) AND (molding OR molded OR mold OR moulding OR moulded OR mould)                      | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:14 |
| S159 | 29   | (S135 near5 resin) AND S134 AND S152 AND (S157 near5 "ppm") AND (molding OR molded OR mold OR moulding OR moulded OR mould)                     | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:20 |
| S160 | 41   | (S135 near5 resin) AND S134 AND S152 AND (S157 with "ppm") AND (molding OR molded OR mold OR moulding OR moulded OR mould)                      | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:20 |
| S161 | 8    | S160 NOT S158   | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:21 |
| S162 | 0    | "JP 200297240"  | EPO; JPO; DERWENT | OR | ON | 2009/02/09 15:23 |
| S163 | 2    | "JP 2002097240"   | EPO; JPO; DERWENT | OR | ON | 2009/02/09 15:23 |
| S164 | 2    | (S135 near5 resin) AND S134 AND S152 AND (S157 with remov\$4 with un\$react\$4) AND (molding OR molded OR mold OR moulding OR moulded OR mould) | US-PGPUB; USPAT   | OR | ON | 2009/02/09 15:24 |

|      |       |   |                    |    |     |                     |
|------|-------|---|--------------------|----|-----|---------------------|
| S165 | 2     | (S135 near5 resin) AND S134 AND S157 AND (S157 with remov\$4 with un\$react\$4) AND (molding OR molded OR mold OR moulding OR moulded OR mould)         | US-PGPUB;<br>USPAT | OR | ON  | 2009/02/09<br>15:25 |
| S166 | 2     | (S135 near5 resin) AND S157 AND (S157 with remov\$4 with un\$react\$4) AND (molding OR molded OR mold OR moulding OR moulded OR mould)                  | US-PGPUB;<br>USPAT | OR | ON  | 2009/02/09<br>15:25 |
| S167 | 2     | (S135 near5 resin) AND S157 AND (S157 with (evaporat\$4 OR remov\$4) with un\$react\$4) AND (molding OR molded OR mold OR moulding OR moulded OR mould) | US-PGPUB;<br>USPAT | OR | ON  | 2009/02/09<br>15:26 |
| S168 | 1     | ("4824807").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/02/09<br>15:52 |
| S169 | 1     | (spray OR spraying OR sprayed) near5 (dry Or dried OR drying) near5 (polymer OR resin) near5 (biocide)  | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>11:02 |
| S170 | 5     | (spray OR spraying OR sprayed) near5 (dry Or dried OR drying) near5 (polymer OR resin) SAME (biocide)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>11:02 |
| S171 | 0     | (polymer OR resin) near5 (powdeR) near5 (biocide)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>11:03 |
| S172 | 12    | (polymer OR resin) near5 (powdeR) near5 (biocide)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>11:03 |
| S173 | 51    | (polymer OR resin) near5 (powder Or particle OPR particulate Or grains Or granule) near5 (biocide)  | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>11:05 |
| S174 | 87189 | (spray OR spraying OR sprayed) near5 (dry Or dried OR drying)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>11:07 |
| S175 | 6     | (polymer OR resin) near5 (powder Or particle OPR particulate Or grains Or granule) near5 (biocide) AND S174   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>11:07 |
| S176 | 51    | (polymer OR resin) near5 (powder Or particle OR particulate Or grains Or granule) near5 (biocide)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>11:08 |
| S177 | 1     | ("5,980,620").PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/27<br>11:11 |

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| S178 | 321  | (polymer OR resin) near5 (powder Or particle OR particulate Or grains Or granule) near5 (biocide Or biocidal OR antimicrobial OR biostatic OR fungicide OR fungicidal Or herbicide OR herbicidal)  | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:13 |
| S179 | 270  | S178 NOT S176  | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:13 |
| S180 | 112  | (polymer OR resin) adj (powder Or particle OR particulate Or grains Or granule) near5 (biocide Or biocidal OR antimicrobial OR biostatic OR fungicide OR fungicidal Or herbicide OR herbicidal)  | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:13 |
| S181 | 79   | S180 NOT S176  | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:14 |
| S182 | 125  | (polymer OR resin) adj (powder Or particle OR particulate Or grains Or granule Or microparticle Or nanoparticle) near5 (biocide Or biocidal OR antimicrobial OR biostatic OR fungicide OR fungicidal Or herbicide OR herbicidal Or pesticide Or pesticidal)          | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:16 |
| S183 | 19   | (polymer OR resin) adj (powder Or particle OR particulate Or grains Or granule Or microparticle Or nanoparticle) near5 (biocide Or biocidal OR antimicrobial OR biostatic OR fungicide OR fungicidal Or herbicide OR herbicidal Or pesticide Or pesticidal) AND S174 | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:16 |
| S184 | 65   | (hans near5 peter near5 weitzel).in. OR (franz near5 jodlbauer).in.  | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:57 |
| S185 | 28   | "L65" AND S174   | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:58 |
| S186 | 56   | S184 AND S174  | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:58 |
| S187 | 5    | S184 AND S174 AND (biocid\$)   | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>11:58 |
| S188 | 4183 | (WACKER POLYMER).as.   | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>12:02 |
| S189 | 1870 | (WACKER).as.   | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>12:02 |
| S190 | 217  | S189 AND S174  | US-PGPUB;<br>USPAT | OR | ON | 2009/05/27<br>12:02 |

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| S191 | 12     | S189 AND S174 AND (biocid\$)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>12:02 |
| S192 | 20     | (polymer OR resin) with<br>(biocide Or biocidal OR<br>antimicrobial OR biostatic OR<br>fungicide OR fungicidal Or<br>herbicide OR herbicidal Or<br>pesticide Or pesticidal) with<br>S174 | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>13:02 |
| S193 | 633    | (MICROENCAPSULAT\$ with<br>(SPRAY adj DRYING))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>13:23 |
| S194 | 1388   | (523/122).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/27<br>13:23 |
| S195 | 2      | S194 AND S193  | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/27<br>13:23 |
| S196 | 151477 | (biocide Or biocidal OR<br>antimicrobial OR biostatic OR<br>fungicide OR fungicidal Or<br>herbicide OR herbicidal)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>13:25 |
| S197 | 8      | (MICROENCAPSULAT\$ with<br>(SPRAY adj DRYING)) SAME<br>(polymer Or resin) SAME<br>(S196)   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>13:25 |
| S198 | 9      | (MICROENCAPSULAT\$ with<br>(S174) SAME (polymer Or<br>resin)) SAME (S196)  | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>13:26 |
| S199 | 73     | (MICROENCAPSULAT\$ with<br>(S174)) AND ((polymer Or<br>resin) SAME (S196))   | US-PGPUB;<br>USPAT | OR | ON  | 2009/05/27<br>13:26 |
| S200 | 1      | ("20080281017").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/27<br>13:54 |
| S201 | 1      | ("7070795").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/27<br>15:00 |
| S202 | 1      | ("5753773").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/27<br>15:45 |
| S203 | 1      | ("6753773").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/27<br>15:45 |
| S204 | 1      | "10/596266"  | US-PGPUB;<br>USPAT | OR | OFF | 2009/11/23<br>15:16 |
| S205 | 1      | ("6740692").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/11/23<br>16:12 |
| S206 | 1      | ("20030018121").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/11/25<br>17:20 |
| S207 | 269    | (524/48).CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/11/25<br>18:32 |
| S208 | 369    | (524/27).CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/11/25<br>18:32 |
| S209 | 626    | (524/83).CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/11/25<br>18:32 |
| S210 | 267    | (524/359).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/11/25<br>18:32 |

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|------|------|---|--------------------------------|----|-----|---------------------|
| S211 | 5    | ((("6191235") or ("5753733")) or ("6429239") or ("6660079") or ("7183358")).PN.   | US-PGPUB;<br>USPAT             | OR | OFF | 2009/11/25<br>18:32 |
| S212 | 609  | (goldschmidt).as.   | US-PGPUB;<br>USPAT             | OR | OFF | 2009/11/25<br>18:32 |
| S213 | 6    | (US-20020011187-\$ or US-20060211805-\$).did. or (US-4743475-\$ or US-5298253-\$ or US-6660079-\$ or US-6709508-\$).did.  | US-PGPUB;<br>USPAT             | OR | OFF | 2009/11/25<br>18:33 |
| S214 | 3    | (S213) AND (biocide Or fungicide)   | US-PGPUB;<br>USPAT             | OR | OFF | 2009/11/25<br>18:33 |
| S215 | 2306 | ("2-n-Octyl-3-isothiazolone") OR ("N-Octylisothiazolone") OR (Octylisothiazolone) OR (Octyl SAME isothiazolone) OR ("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octylisothiazolin-3-one")OR ("2-Octyl-3-isothiazolinone") OR ("2-Octyl-3-isothiazolone") OR ("2-Octyl-4-isothiazolin-3-one")OR ("2-Octyl-4-isothiazoline-3-one")OR ("2-Octyl-4-isothiazolinone")OR ("4-Octylisothiazolin-3-one") OR ("Acticide" SAME "45")OR ("Acticide" SAME "OTW")OR ("Ecoplast" SAME "PA" SAME "20")OR ("Kathon" SAME "4200")OR ("Kathon" SAME "893")OR ("Kathon" SAME "893F")OR ("Kathon" SAME "893T")OR ("Kathon" SAME "LM")OR ("Kathon" SAME "LP") OR ("Kathon" SAME "SP" SAME "70") OR ("Micro-Chek" SAME "11")OR ("Micro-Chek" SAME "11D")OR ("Microban" SAME "LB" SAME "6")OR ("Octhilinone")OR ("Pancil")OR ("Pancil" SAME "T") OR ("Skane" SAME "8")OR ("Skane" SAME "M" SAME "8") OR ("Ultrafresh" SAME "DM" SAME "25")OR ("Vinyzene" SAME "IT" SAME "3000DI DP") OR ("Zonen" SAME "0/100") OR ("Zonen" SAME "O" SAME "100") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/11/25<br>18:33 |
| S216 | 6    | (S215) AND (redispersible SAME polymer SAME powder)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/11/25<br>18:33 |

|      |         |  |                                |    |     |                     |
|------|---------|--|--------------------------------|----|-----|---------------------|
| S217 | 867     | ("2-n-Octyl-3-isothiazolone")<br>OR ("N-Octylisothiazolone")<br>OR (Octylisothiazolone) OR<br>("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octyl-4-isothiazolin-3-one")OR ("2-n-Octylisothiazolin-3-one")OR ("2-Octyl-3-isothiazolinone")<br>OR ("2-Octyl-3-isothiazolone")<br>OR ("2-Octyl-4-isothiazolin-3-one")OR ("2-Octyl-4-isothiazoline-3-one")OR ("2-Octyl-4-isothiazolinone")OR ("4-Octylisothiazolin-3-one") | US-PGPUB;<br>USPAT;<br>DERWENT | OR | OFF | 2009/11/25<br>18:33 |
| S218 | 12      | ((re\$2dispersible ADJ polymer)) AND (biocide)   | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2009/11/25<br>18:33 |
| S219 | 6       | (US-20020011187-\$ or US-20060211805-\$).did. or (US-4743475-\$ or US-5298253-\$ or US-6660079-\$ or US-6709508-\$).did.   | US-PGPUB;<br>USPAT             | OR | OFF | 2009/11/25<br>18:33 |
| S220 | 180     | ((dispersible ADJ polymer)) AND (biocide)  | US-PGPUB;<br>USPAT; USOCR      | OR | OFF | 2009/11/25<br>18:33 |
| S221 | 116     | (polymer OR resin) adj<br>(powder Or particle OR particulate Or grains Or granule) near5 (biocide Or biocidal OR antimicrobial OR biostatic OR fungicide OR fungicidal Or herbicide OR herbicidal)   | US-PGPUB;<br>USPAT             | OR | ON  | 2009/11/25<br>18:34 |
| S222 | 58      | (WACKER SAME POLYMER ).<br>as. AND (polymer SAME powder) AND (vinyl) AND (gypsum OR concrete OR lime)  | US-PGPUB;<br>USPAT             | OR | OFF | 2009/11/25<br>18:34 |
| S223 | 402035  | (anti\$2oxidant\$) OR (stabilizer)   | US-PGPUB;<br>USPAT             | OR | ON  | 2009/11/25<br>18:34 |
| S224 | 28459   | (polyacetal OR polyoxymethylene) OR (polyoxy adj methylene)  | US-PGPUB;<br>USPAT             | OR | OFF | 2009/11/25<br>18:34 |
| S225 | 4838624 | (content or contains or containing or amount or (weight near5 percent) OR "wt. %" or "wt. %" or "wt %" Or "wt%" or (weight near5 percentage) or "parts by weight" or "percent by weight" or (mole near5 percent) or (mole near5 percent) Or phr OR ppm OR pbw)   | US-PGPUB;<br>USPAT             | OR | ON  | 2009/11/25<br>18:34 |
| S226 | 6332    | trioxane OR (cyclic near5 trimer near5 formaldehyde)   | US-PGPUB;<br>USPAT             | OR | ON  | 2009/11/25<br>18:34 |

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|------|------|--|-----------------|----|-----|------------------|
| S227 | 6434 | trioxane OR (cyclic near5 trimer near5 formaldehyde) OR (formaldehyde near5 trimer)  | US-PGPUB; USPAT | OR | ON  | 2009/11/25 18:34 |
| S228 | 109  | (S224 near5 resin) AND S223 AND S226 AND (S227 near5 S225) AND (molding OR molded OR mold OR moulding OR moulded OR mould) | US-PGPUB; USPAT | OR | ON  | 2009/11/25 18:34 |
| S229 | 1    | "10/596266"  | US-PGPUB; USPAT | OR | OFF | 2010/07/14 13:50 |

**7/ 15/ 2010 1:21:18 PM**

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